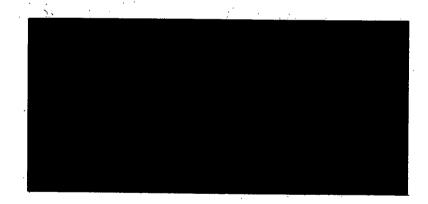


FIELD INVESTIGATIONS OF UNCONTROLLED HAZARDOUS WASTE SITES

FIT PROJECT

TASK REPORT TO THE ENVIRONMENTAL PROTECTION AGENCY CONTRACT NO. 68-01-6056



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TASK REPORT TO THE ENVIRONMENTAL PROTECTION AGENCY CONTRACT NO. 68-01-6056

Hoffman Landfill Frostburg, Maryland TDD No. F3-8104-24 EPA No. MD-04

Presented to: Bruce Smith EPA Region III

Prepared by: Alton Day Stone FIT Region III

ecology and environment, inc.

International Specialists in the Environmental Sciences

Hoffman Landfill Frostburg, Maryland TDD No. F3-8104-24 EPA No. MD-04

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Hoffman landfill Frostburg, Maryland TDD No. F3-8104-24 EPA No. MD-04



FIELD TRIP REPORT

Background:

On October 21, 1980, FIT III conducted a Site Inspection/Sampling of the Hoffman Landfill, near Frostburg, Maryland. FIT III was taked to conduct a resampling of the landfill and to sample off-site, downgradient residence wells, in order to determine whether possible ground water contamination represented a significant hazard to human health.

FIT III conducted a resampling of the Hoffman Landfill on July 21 and 22, 1981. This landfill is located in an inactive/reclaimed strip mine. The Lee and S. Bumble. Three monitoring well samples and one off site well sample were obtained and submitted for analysis of organic and inorganic priority pollutants.

Contacts:

Edgar Woods Allegheny County Health Department Cumberland, Maryland 301-777-5647

Comments:

- All residences and most businesses along the Georges Creek Syncline are serviced by a public or private water supply. The Lonaconing Water Co. services north to the town of National. Residences in the Borden Shaft area are serviced by the Borden Shaft-Carlos Water Co. The towns of Wrights Crossing and Grahamtown are serviced by the Frostburg Water Co.
- The Allegheny County Health Dept. had recently conducted a survey in order to locate all wells in the area. Four wells are known of, none of which appear to be used for domestic purposes. One of these wells at the Maple Hurst Country Club is located west of the Hoffman Landfill and was sampled by the FIT III team.

Hoffman Landfill Frostburg, Maryland TDD No. F3-8104-24 EPA No. MD-04

ORIGINAL (Red)

SAMPLE LOG

On July 21, 1981 each monitoring well was bailed until a constant conductivity reading was obtained for eight consecutive bails. Wells were

Case #565

Monitoring Well #3 - Water Sample Organic Traffic Report #C-0607 No inorganic sample

Time: 0920 hrs.

Tag #23, 24, 25

53 ft. depth to water surface. Organic vapor concentrations (non methane) up to 30 ppm (HNU) in well head.

Monitoring Well #5 - Water Sample Organic Traffic Report #C-0590 No inorganic sample

Time: 0845

Tag #17, 18, 19

30 ft. depth to water surface. Well uncapped. Sample brown/orange color with suspended solids.

Monitoring Well #10 - Water Sample Organic Traffic Report #C-0605
No inorganic sample

Time: 0900

Tag #20, 21, 22

52 ft. depth to water surface.

Monitoring Well #4 - Water Sample
Not sampled, readings above the UEL on the explosimeter. Organic vapor concentrations (non methane) over 100 ppm (HNU) at well head.

Maple Hurst Country Club Well - Water Sample

Time: 1100

July 21, 1981

Tag #9, 10, 11

Organic Traffic Report #C-0588 Inorganic Traffic Report #MC-8302

Tag #12

The well is approximately 300 ft. deep. The pumped water flows through an underground pipe and is discharged into a small pond. The sample was obtained at the point of discharge.

Sample Blank - Water Sample
Organic Traffic Report #C-0606
Inorganic Traffic Report #MC-8302

Tag #26, 27, 28

Ic Report #MC-8302 Tag #29

Organic Lab: Meade Technology Labs, 5 Triangle Drive, Research Triangle Park, NC 27709

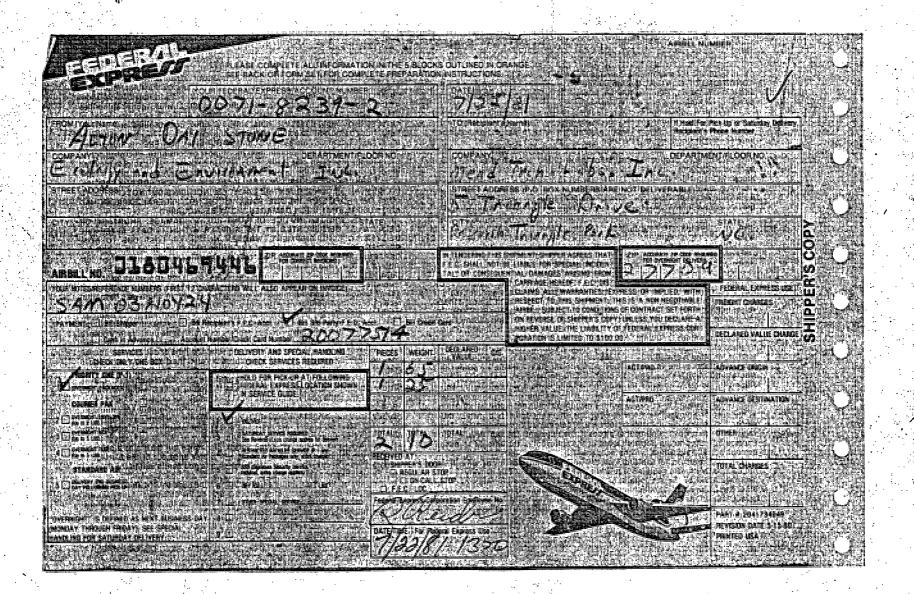
Inorganic Lab: VERSAR Inc., 6621 Electronic Drive, Springfield, VA 22151

ORIGINAL "

F3-8104-24 (MD-24)
RESAMPLE OF HOFFMAN LANDFILL
ALLEGHENY, MARYLAND

LOCATION MAP OF WATER SAMPLING





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(Red) AL

REGION 3

Curtis Bldg., 6th & Walnut Sts.

Philadelphia, Pennsylvania 19106

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Curtis Bldg., 6th & Walnut Sts.

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F38/NY=29-	Effluent	Attn: V.C.
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Special Handling Instructions:
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7 Description of Sample Location:

Airbill Number

Mon Well+5

746 #5 = #17 #17 #19

Special Handling Instructions: (e.g., safety precautions, hazardous nature)



NU:S:ENVIRONMENTAL: PROTECTION AGENCY: HWI Sample Management Office?
P.O. Box 818; Alexandria, Virginia 22313—703/557-2490 • F15/557-2490

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7 Description of Sample Locat	on:		

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Special Handling Instructions:
 (e.g., safety precoutions, hazardous nature)



Case Number: 5 65 Sample Site Name / Code: 404 2 4	2 Sample Type: (Check One) Run Off Well Receiving Water: Leachate Effluent Other (specify)		3 Ship To: MEAD Tech. Labs. INC. 5 TRIangle Drive Rejearch Triangle Attn: 27209
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Special Handling Instructions:

(e.g., safety precautions, hazardous nature)



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Mon. Well #10

Special Handling Instructions:
 (e.g., safety precautions, hazardous nature)

ORIGINAL (Red)

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SAMPLE RECEIPT

on JULY 21,	, 1980, Ecology & Environm	ent, Inc., representative
	സമ്പ്ര received permission from	
	nis/her property, contained in	and the second of the second o
	nple bottle(s), 2 40 ml g	
sample bottle(s), 1/0	8 oz. glass hazardous sample	jar(s) and ONE
inorganic 1-quart polyethy	ylene sample bottle(s).	

Property Owner, Signature & Date

Ecology & Environment, Inc., Representative Signature & Date